

Title (en)

METHOD OF DETERMINING A SAMPLING SCHEME, ASSOCIATED APPARATUS AND COMPUTER PROGRAM

Title (de)

VERFAHREN ZUR BESTIMMUNG EINES ABTASTSCHEMAS, ZUGEHÖRIGE VORRICHTUNG UND COMPUTERPROGRAMM

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UN SCHÉMA D'ÉCHANTILLONNAGE, APPAREIL ASSOCIÉ ET PROGRAMME INFORMATIQUE

Publication

EP 3893056 A1 20211013 (EN)

Application

EP 20168876 A 20200409

Priority

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Abstract (en)

Disclosed is a method of determining a sampling scheme. The method comprises obtaining a parallel sensor description and identifying a plurality of candidate acquisition configurations based on said parallel sensor description and potential metrology locations. Each of said candidate acquisition configurations is evaluated in terms of an evaluation metric and a candidate acquisition configuration is selected based on said evaluation. The corresponding metrology locations for the selected acquisition configuration is added to the sampling scheme.

IPC 8 full level

G03F 7/20 (2006.01); **G03F 9/00** (2006.01)

CPC (source: EP)

G03F 7/70525 (2013.01); **G03F 7/70616** (2013.01); **G03F 9/7046** (2013.01)

Citation (applicant)

- WO 2015110191 A1 20150730 - ASML NETHERLANDS BV [NL]
- US 2018238363 A1 20180823 - NORTON THOMAS [US], et al
- HUANG ET AL.: "Overlay improvement by zone alignment strategy", PROC. SPIE 6922, 2008, pages 69221G, XP055033159, DOI: 10.1117/12.772520

Citation (search report)

- [A] US 2004212801 A1 20041028 - WU QIANG [US], et al
- [AD] WO 2015110191 A1 20150730 - ASML NETHERLANDS BV [NL]
- [A] US 2017097574 A1 20170406 - GOODWIN ERIC PETER [US], et al
- [A] EP 3611567 A2 20200219 - ASML NETHERLANDS BV [NL], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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